

ALARM SUPERVISOR CONTROL INFORMATION			
ARCHIVE NAME: (C:\ALARM\LOG) ~ 76			
85 T	DEF TAG	78	DESCRIPTION 80
ALARM BANNER LINE	M	ALARMSUM	ALARM SUMMARY LISTING
T	REF TAG	82	DESCRIPTION 84
SYSTEM START/UP FLAG	D	STARTUP	MASK ERRORS UNTIL SET

FIG. 3a

ALARM SUPERVISOR ATTRIBUTES CONFIGURATION TABLE													
GROUP	INITIAL COLOR			ACTION		ACKNOWLEDGE COLOR			NORMAL UNACK COLOR			HISTORY	
NAME	FG	BG	BL	ACK	AUD	FG	BG	BL	FG	BG	BL	PRT	DSK
CRITICAL	RED	BLK	YES	YES	YES	GRN	BLK	NO	BLK	YEL	NO	YES	
LOWLEVEL	BLUE	BLK	YES	NO	NO							YES	NO
	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
	92	94	96	98	100	102	104	106	108	110	112	114	116

FIG. 3b

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ALARM SUPERVISOR LINKAGE CONFIGURATION TABLE									
	T	ALARM REF TAG	STAT	GROUP	PR	MESSAGE	T	VALUE REF TAG	MSK
134a	D	TEMPHI	ON	CRITICAL	1	TEMPERATURE TOO HIGH	A	TEMP	YES
134b	D	TEMPLO	ON	LOWLEVEL	2	TEMPERATURE TOO LOW	A	TEMP	YES
134c	D	LEVELHI	ON	CRITICAL	1	LEVEL TOO HIGH	A	LEVEL	YES
134d	D	LEVELLO	ON	LOWLEVEL	2	LEVEL TOO LOW	A	LEVEL	YES
134e	D	FLOWFAIL	OFF	CRITICAL	1	VALVE STUCK			NO
134f	D	HEATFAIL	OFF	CRITICAL	1	HEATER BROKEN			NO
		↑	↑	↑	↑	↑		↑	↑
		120	122	124	126	128		130	132

FIG. 3c

12:52:04		ALARM SUMMARY				TUE 01/05/1985			
ALARMS = 2									
>>									
*****START OF ALARMS*****									
01:28:34		TANK3FUL		TANK #3		LEVEL TOO HIGH			
01:29:02		HITEMP3		TANK #3		TEMPERATURE TOO HIGH			
01:36:01		WARNING1		TANK #1		HIGH PRESSURE OR OVERFLOW			
*****END OF ALARMS*****									
F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
GROUP		SORT		BANNER		PRINT	PURGE	ACK	CLEAR

FIG. 3d

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MATH AND LOGIC UNIT CONFIGURATION TABLE					
T	DEF	TAG	G	FORMULA	DESCRIPTION
146a ~ A	TEMP		1	(TEMPF - 32) * 5/9	F TO C
146b ~ D	TEMPHI		1	TEMP > 55	SET HIGH TEMP ALARM
146c ~ D	TEMPLO		1	TEMP < 50	SET LOW TEMP ALARM
146d ~ D	LEVELHI		1	IF LEVEL > 100	
146e ~ D	LEVELLO		1	IF LEVEL < 90	
146f ~ D	FLOW		1	LEVEL < LEVELSET	FLOW VALVE ON/OFF
146g ~ D	HEAT		1	TEMP < TEMPSET	HEATER ON/OFF
146h ~ D	STARTUP		2	NOT (FLOW OR HEAT) OR MIN 20	20 MIN OR HEAT/FLOW OFF
↑	↑	↑		↑	↑
136	138	140		142	144

FIG. 4

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DATA HANDLER CONTROL INFORMATION			
LOG NUMBER (1,2,3,4,5): (1) ~152			
LOG NAME: (C:\ACCURACY\LOG) ~154			
ARCHIVE NAME: (A:\ACCURACY) ~156			
REPORT FORM: (STD 80) ~158			
TRIGGER	T	REF TAG	DESCRIPTION
START	D	~160	~162
INTERVAL	D	MIN1 ~164	EVERY MINUTE ~166
STOP	D	MIN5 ~168	EVERY 5 MINUTES ~170

FIG. 5a

150 ↙

DATA HANDLER CONFIGURATION TABLE		
T	REF TAG	DESCRIPTION
176a ~ A	TEMPSET	TEMPERATURE SETTING
176b ~ A	TEMP	ACTUAL TEMPERATURE
176c ~ A	LEVELSET	LEVEL SETTING
176d ~ A	LEVEL	ACTUAL LEVEL

↑ 172 ↑ 174

FIG. 5b

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EVENT TIMER CONFIGURATION TABLE *								
T	DEF TAG	MN	DD	DW	HH	MM	SS	DESCRIPTION
D	STARTDAY				8			EVERYDAY AT 8:00 AM
D	STOPDAY				17			EVERYDAY AT 5:00 PM
D	FRI5PM				17			FRIDAY AT 5 PM
D	XMAS	DEC	25	RI				CHRISTMAS
	↑	↑	↑	↑	↑	↑	↑	
	179	180	182	184	186	188	190	

FIG. 6a

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INTERVAL TIMER CONFIGURATION TABLE *						
T	DEF TAG	HH	MM	SS	DESCRIPTION	
200a D	SEC5			5	EVERY 5 SECONDS	
200b D	MIN1		1		EVERY 1 MINUTE	
200c D	MIN5		5		EVERY 5 MINUTES	
200d D	MIN20		20		EVERY 20 MINUTES	
	↑	↑	↑	↑		
	192	194	196	198		

FIG. 6b

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PLC POLLED READ CONTROL INFORMATION			
POLLED READ NUMBER : (1) 204			
TRIGGER	T	REF TAG	DESCRIPTION
INTERVAL	D	SEC5 ↑ 206	EVERY 5 SECONDS

FIG. 7a

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PLC POLLED READ CONFIGURATION TABLE				
T	DEF TAG	UNIT	ADRS	DESCRIPTION
215a A	TEMPF	15	115	ACTUAL TEMPERATURE IN FAHRENHEIT
215b A	LEVEL	15	116	ACTUAL LEVEL
D	HEATFAIL	15	121	HEATER FAILURE
D	FLOWFAIL	15	122	VALVE FAILURE
	↑ 210	↑ 212	↑ 214	

FIG. 7b

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PLC WRITE CONFIGURATION TABLE				
T	REF TAG	UNIT	ADRS	DESCRIPTION
224a D	FLOW	15	114	TURN ON OR OFF FLOW
224b D	HEAT	15	114	TURN ON OR OFF HEATER
	↑ 218	↑ 220	↑ 222	

FIG. 7c

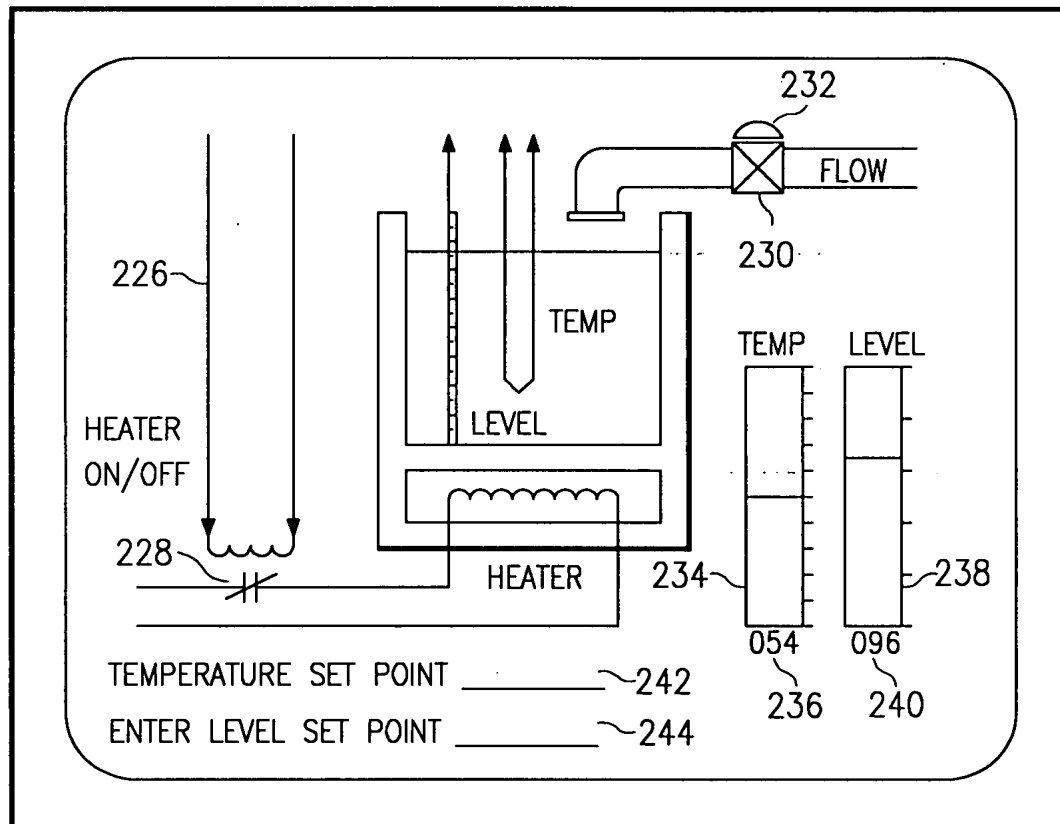


FIG. 8a

FIG. 8b

GRAPHICS MODE DISPLAY CONFIGURATION TABLE			
DISPLAY NAME : (SCREEN1) ← 254			
T	REF TAG	OBJECT	DESCRIPTION
252a — D	HEAT	PAINT1	TURN ON OR OFF HEATER
252b — A	TEMP	BAR1	ACTUAL TEMPERATURE
252c — A	TEMP	NUMBER1	ACTUAL TEMPERATURE
252d — D	FLOW	PAINT2	TURN ON OR OFF FLOW
252e — A	LEVEL	BAR2	ACTUAL LEVEL
252f — A	LEVEL	NUMBER2	ACTUAL LEVEL
252g — M	DISPLAY	SCREEN	NEW GRAPHICS SCREEN
252h — M	ALARMSUM	TEXT1	ALARM SUMMARY LISTING
252i — D	FLOWFAIL	PRINT3	VALVE FAILURE
252j — D	HEATFAIL	PRINT4	HEATER FAILURE
	↑	↑	
	248	250	

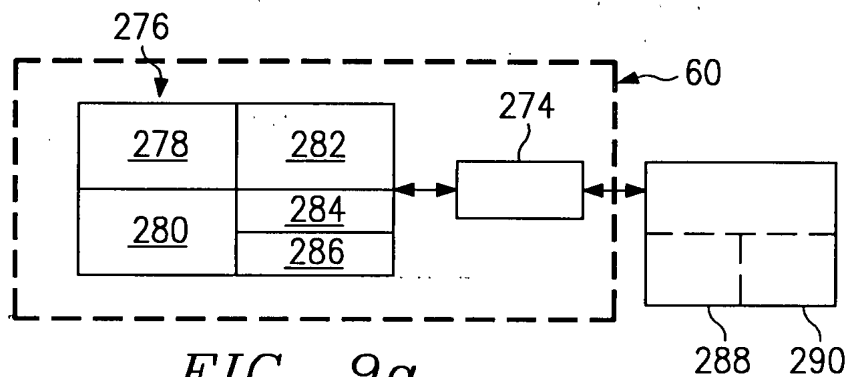


FIG. 9a

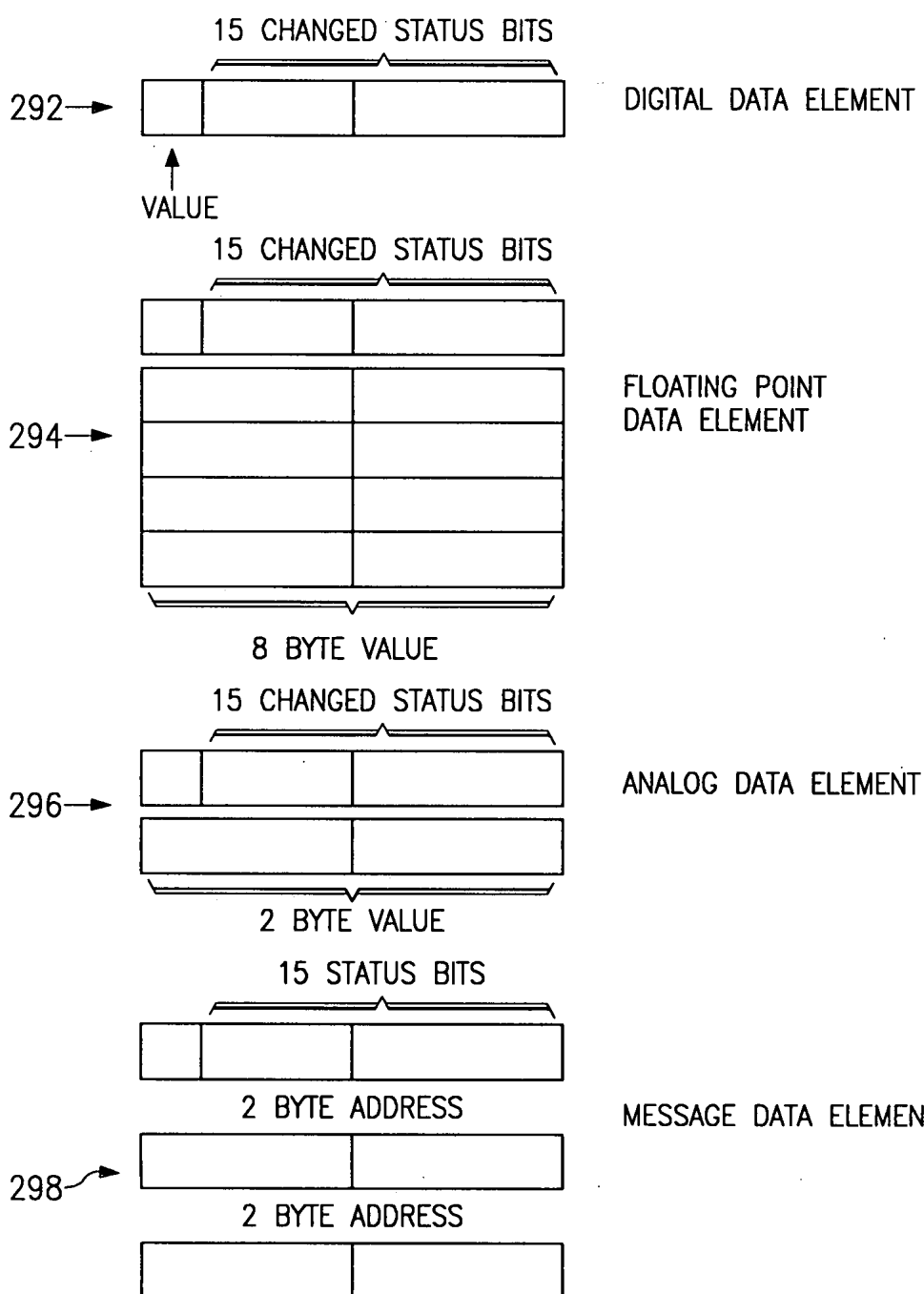


FIG. 9b